

CLAIMS

1. A CDMA mobile communication station, comprising:

multicode transmission means for transmitting packet data relating to one call in CDMA mobile communication by wireless through a plurality of data channels by sharing predetermined control information;

transmission power control means for controlling transmission power when the packet data is transmitted, on a basis of an instruction to increase or decrease the transmission power from a communication partner station which receives the packet data transmitted by the multicode transmission means; and

transmission start control means for inhibiting a start of transmission by the multicode transmission means until the packet data is generated and for controlling the multicode transmission means in a case where the packet data is generated, so that transmission of the packet data is postponed for a predetermined time in a unit of the data channel and is started.

2. A CDMA mobile communication station according to claim 1, wherein the transmission start control means comprises:

packet detection means for detecting generation of the packet data;

first transmission start means for, in a state where the transmission start is suspended until the generation of the

packet data is detected by the packet detection means and in a case where the generation of the packet data is detected by the packet detection means, controlling the multicode transmission means to start data transmission through a first data channel among the plurality of data channels; and

second transmission start means for controlling the multicode transmission means in response to elapse of a predetermined time from the start of the data transmission through the first data channel by the first transmission start means and for starting data transmission through a second data channel different from the first data channel among the plurality of data channels.

3. A CDMA mobile communication station according to claim 1, wherein the transmission start control means comprises:

packet detection means for detecting generation of the packet data;

first transmission start means for, in a state where the transmission start is suspended until the generation of the packet data is detected by the packet detection means and in a case where the generation of the packet data is detected by the packet detection means, controlling the multicode transmission means to start data transmission through a first data channel among the plurality of data channels; and

second transmission start means for, in a case where an amount of the packet data to be transmitted reaches a

predetermined transmission start threshold value or more, controlling the multicode transmission means to start data transmission through a second data channel different from the first data channel among the plurality of data channels.

4. A CDMA mobile communication station according to claim 3, wherein the second transmission start means starts the data transmission through the second data channel only in a case where a state in which the amount of the packet data to be transmitted is not smaller than the transmission start threshold value continues throughout a predetermined transmission start time.

5. A CDMA mobile communication station, comprising:

multicode transmission means for transmitting packet data relating to one call in CDMA mobile communication by wireless through a plurality of data channels by sharing predetermined control information;

transmission power control means for controlling transmission power when the packet data is transmitted, on a basis of an instruction to increase or decrease the transmission power from a communication partner station which receives the packet data transmitted by the multicode transmission means; and

transmission stop control means for continuing transmission by the multicode transmission means until the packet data transmitted by the multicode transmission means